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PERSONAL SKIN CARE PRODUCTS CONTAINING DIMETHYL DIALLYL AMMONIUM
CHLORIDE/ACRYLIC ACID-TYPE POLYMERS

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(57) Claim

- 1. A method for improving feel imparted to skin by a personal skin care product comprising adding to said product an effective amount of a polymer comprising:
 - a. about 60 to about 99%, by weight of said polymer, of a quaternary diallyl dialkyl ammonium monomer, wherein alkyl groups are independently selected from alkyl groups of 1 to 18 carbon atoms and wherein said quarternary diallyl alkyl ammorium monomer's counterion is selected from the group consisting of bases of acids having an ionization constant greater than 10⁻¹³.
 - b. about 1 to about 40%, by weight of said polymer, of an anionic monomer selected from the group consisting of acrylic acid and

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methacrylic acid; wherein the weight average molecular weight of said polymer ranges from about 50,000 to 10,000,000, as determined by gel permeation chromatography.

- 8. An improved personal skin care product which comprises:
 - a. an active agent;
 - b. an anionic surfactant;
 - c. a copolymer comprising;
 - 1. about 60 to about 99%, by weight of said polymer, of a monomer selected from the group consisting of dimethyldiallyl ammonium chloride and diethyldiallyl ammonium chloride; and
 - 2. about 1 to about 30%, by weight of said polymer, a momomer selected from the group consisting of acrylic acid, and methacrylic acid; wherein said polymer has a weight average molecular weight ranging from about 50,000 to about 10,000,000, as determined by gel permeation chromatography.